What is claimed is

- 1. A liquid-crystal display device comprising two substrates which interpose a liquid-crystal layer therebetween, a wiring layer formed on at least one inner coupled surface of said substrates, and a pixel electrode directly or indirectly connected to a connection portion of said wiring layer, characterized in that an insulating film is formed on a surface of said wiring layer.
- 2. A liquid-crystal display device according to claim 1, characterized in that said insulating film is arranged to insulate said wiring layer and said pixel electrode from each other, and has an opening for assuring the electric conductivity between the connection portion and said pixel electrode.
- 3. A liquid-crystal display device according to claim 1, a characterized in that an MIM element is formed between the connection portion and said pixel electrode, and said insulating film also covers the surface of said MIM element.
- 4. A liquid-crystal display device according to claim 1, characterized in that a TFT element is formed between the connection portion and said pixel electrode, and said insulating film is formed on said wiring layer connected to said TFT element.
- 5. A liquid-crystal display device according to claim 1, characterized in that said insulating film has light-shielding properties.
 - 6. A method of manufacturing a liquid-crystal display

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device comprising two substrates which interpose a liquid-crystal layer therebetween, a wiring layer formed on at least one inner surface of said substrates, and a pixel complete electrode directly or indirectly connected to a connection portion of said wiring layer,

characterized in that, after said wiring layer is formed on the inner surface of said substrates, an insulating film is formed to cover the surface of said wiring layer and a portion between said wiring layer and said pixel electrode, and then, said pixel electrode is formed such that the peripheral portion of said pixel electrode is arranged on said insulating film.

7. A method of manufacturing a liquid-crystal display device, according to claim \$6\$, characterized in that, after and MIM element connected between the connection portion and said pixel electrode is formed, said insulating film is formed to also cover the surface of said MIM element.

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